

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	519	(fluor\$7 spect\$2) with (measur\$5 detect\$3 sens\$3 calculat\$3 comput\$3) same ((body near2 water) water) and (optic\$2 lens) same (diverg\$3 converg\$3)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 11:49
S2	2387	250/458.1.ccls.	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 11:51
S3	1146	250/459.1.ccls.	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 11:51
S4	1107	250/461.1.ccls.	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 11:51

S5	3114	250/221.ccls.	US-PGPUB; USPAT; USOCR; FPFS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 11:52
S6	2632	250/226.ccls.	US-PGPUB; USPAT; USOCR; FPFS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 11:52
S7	1525	250/559.42,559.4,559.43.ccls.	US-PGPUB; USPAT; USOCR; FPFS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 11:52
S8	1092	250/552,553,253.ccls.	US-PGPUB; USPAT; USOCR; FPFS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 11:52
S9	7098	"250"/\$.ccls. and (fluor\$7) and (water (body near2 water))	US-PGPUB; USPAT; USOCR; FPFS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 11:53
S10	2545	"250"/\$.ccls. and (fluor\$7) same (water (body near2 water))	US-PGPUB; USPAT; USOCR; FPFS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 11:53

S11	262	356/317,311,319,323,416,417,419,420,425.ccls. and (fluor\$7) same (water (body near2 water))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 11:54
S12	1360	"356"/\$.ccls. and (fluor\$7) same (water (body near2 water))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 11:54
S13	328	422/82.08.ccls. and (fluor\$7) same (water (body near2 water))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 11:54
S14	3684	"422"/\$.ccls. and (fluor\$7) same (water (body near2 water))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 11:55
S15	53	("2263108"   "2448787"   "2801408"   "3032655"   "3092822"   "3135943"   "3143648"   "3276007"   "3317730"   "3428074"   "3462602").PN. OR ("3603952").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2010/09/17 12:03
S16	18	340/539.26,573.6,540,600,605,612,618.ccls. and (fluor\$7) same (water (body near2 water))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 12:08

S17	174	"340"/\$ocls. and (fluor\$7) same (water ((body near2 water))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 12:09
S18	358	(fluor\$7 spectr\$2) with (measur\$5 detect\$3 sens\$3 calculat\$3 comput\$3) same ((body near2 water) water) and (optic\$2 lens) same (diverg\$3 converg\$3) and ((light near3 diode) LED (light near2 emit\$4))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 12:28
S19	538	(fluor\$7 spectr\$2) with (measur\$5 detect\$3 sens\$3 calculat\$3 comput\$3) same ((body near2 water) water sea lake ocean river stream puddle pond) and (optic\$2 lens) same (diverg\$3 converg\$3) and ((light near3 diode) LED (light near2 emit\$4))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 12:49
S20	165	(fluor\$7 spectr\$2) with (measur\$5 detect\$3 sens\$3 calculat\$3 comput\$3) same ((body near2 water) water sea lake ocean river stream puddle pond) and (optic\$2 lens) same (diverg\$3 converg\$3) and ((light near3 diode) LED (light near2 emit\$4)) and (modulat\$3 vary\$3) near3 (frequenc\$3 amplitude\$1)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 12:50
S21	181	(fluor\$7 spectr\$2) with (measur\$5 detect\$3 sens\$3 calculat\$3 comput\$3 determin\$3 analy\$6 evaluat\$3) same ((body near2 water) water sea lake ocean river stream puddle pond) and (optic\$2 lens) same (diverg\$3 converg\$3) and ((light near3 diode) LED (light near2 emit\$4)) and (modulat\$3 vary\$3) near3 (frequenc\$3 amplitude\$1)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 13:08
S22	9191	fluorometer and ((body near2 water) water sea lake ocean river stream puddle pond)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 14:14

S23	16	fluorometer and ((body near2 water) water sea lake ocean river stream puddle pond) and (optic\$2 lens) same (diverg\$3 converg\$3) and ((light near3 diode) LED (light near2 emit \$4)) and (modulat\$3 vary\$3) near3 (frequenc\$3 amplitude \$1)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 14:15
S24	11	fluorometer and ((body near2 water) sea lake ocean river stream puddle pond) and (optic\$2 lens) same (diverg\$3 converg\$3) and ((light near3 diode) LED (light near2 emit \$4)) and (modulat\$3 vary\$3) near3 (frequenc\$3 amplitude \$1)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 14:16
S25	2	fluorometer and ((body near2 water) sea lake ocean river puddle pond) and (optic\$2 lens) same (diverg\$3 converg\$3) and ((light near3 diode) LED (light near2 emit(\$4))) and (modulat\$3 vary\$3) near3 (frequenc\$3 amplitude\$1)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 14:16
S26	173	fluor\$7 and ((body near2 water) sea lake ocean river puddle pond) and (optic\$2 lens) same (diverg\$3 converg\$3) and ((light near3 diode) LED (light near2 emit(\$4))) and (modulat\$3 vary\$3) near3 (frequenc\$3 amplitude\$1)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 14:19
S27	17	fluor\$7 with (material solid) with (amount level quantity sum total) and ((body near2 water) sea lake ocean river puddle pond) and (optic\$2 lens) same (diverg\$3 converg\$3) and ((light near3 diode) LED (light near2 emit(\$4))) and (modulat\$3 vary\$3) near3 (frequenc\$3 amplitude\$1)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 14:31
S28	37	fluor\$7 with (amount level quantity sum total) and ((body near2 water) sea lake ocean river puddle pond) and (optic\$2 lens) same (diverg\$3 converg\$3) and ((light near3 diode) LED (light near2 emit(\$4))) and (modulat\$3 vary\$3) near3 (frequenc\$3 amplitude\$1)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 14:32

S29	1503	fluor\$7 and ((body near2 water) sea lake ocean river puddle pond) and (optic\$2 lens) and ((light near3 diode) LED (light near2 emit\$4)) and (modulat\$3 vary\$3) near3 (frequenc\$3 amplitude\$1)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 14:51
S30	11	fluor\$7 with (amount level quantity sum total) same ((body near2 water) sea lake ocean river puddle pond) and (optic\$2 lens) and ((light near3 diode) LED (light near2 emit\$4)) and (modulat\$3 vary\$3) near3 (frequenc\$3 amplitude\$1)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 14:52
S31	25	("3546456"   "3736428"   "3899213"   "3961187"   "4178512"   "4293225").PN. OR ("4394573").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2010/09/17 14:54
S32	22	("3546456"   "3736428"   "3783284"   "3899213"   "3961187"   "4057721"   "4178512"   "4293225").PN. OR ("4434364").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2010/09/17 14:55
S33	25	("3603952"   "3783284").PN. OR ("3899213").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2010/09/17 14:57
S34	30	("3666945"   "3810696"   "3825762"   "3832555"   "3845309"   "3975098"   "4178512"   "4198567").PN. OR ("4293225").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2010/09/17 14:57
S35	20	("3651395"   "3761715"   "3783284"   "3829694"   "3977760"   "4100481"   "4132943"   "4394573").PN. OR ("4490613").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2010/09/17 14:59
S36	9	("4394573"   "4804849"   "5059790").PN. OR ("7198755").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2010/09/17 15:00
S37	23	("4084905"   "4394573"   "4458518"   "4553033"   "4707747"   "4767206"   "4791056"   "4804849"   "5059790"   "5242869"   "5414258"   "5532498"   "5680110"   "5689110"   "5917534"   "5932860"   "6097084"   "6348965"   "6608675"   "6611000"   "6977729"   "7038191"   "7198755").PN. OR ("7416701").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2010/09/17 15:00

S38	9	("20070058038"   "4394573"   "4576458"   "4914460"   "4948258"   "4999681"   "5303051"   "6707761"   "6873716").PN. OR ("7507940").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2010/09/17 15:02
S39	2	S38 and fluor\$7	US-PGPUB; USPAT; USOOR	OR	ON	2010/09/17 15:04
S40	40	("20010003044"   "20010035501"   "20020113213"   "20030002822"   "20030025086"   "20030030012"   "20030058450"   "20030080193"   "20030116436"   "20040012780"   "20040031929"   "20040089817"   "20040264870"   "20050013562"   "20050088648"   "20050098713"   "3975098"   "4037961"   "4198567"   "4293225"   "4567370"   "4626684"   "5323008"   "5548124"   "5553616"   "5602446"   "5666417"   "5721613"   "5749830"   "5990484"   "5994707"   "6121053"   "6278521"   "6325978"   "6785447"   "6832729"   "6836332"   "6912050"   "6965433"   "7198755").PN. OR ("7391512").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2010/09/17 15:06
S41	28	("3763284"   "3806727"   "3899213"   "3917945"   "4034219"   "4768513").PN. OR ("4897551").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2010/09/17 15:09
S42	986	73/40.7.ccls.	US-PGPUB; USPAT; USOOR	OR	ON	2010/09/17 15:21
S43	167	73/40.7.ccls. and fluor\$7	US-PGPUB; USPAT; USOOR	OR	ON	2010/09/17 15:22
S44	17	("3427861"   "3899213"   "4236071"   "4247770"   "4496839"   "4516158"   "5228776"   "5241179"   "5417494"   "5631469"   "5742053"   "6343534").PN. OR ("6464392").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2010/09/17 15:35
S45	17	("20040257264"   "20050103930"   "3603952"   "3899213"   "4918456"   "4933678"   "4963024"   "5132686"   "5296711"   "5381442"   "5532679"   "5633644"   "5672007"   "6811113").PN. OR ("7009550").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2010/09/17 15:38

S46	25	(US-20080203332-\$).did. or (US-3603952-\$ or US-4359640-\$ or US-4465929-\$ or US-4577110-\$ or US-4612456-\$ or US-6064065-\$ or US-5596401-\$ or US-4394573-\$ or US-4434364-\$ or US-4293225-\$ or US-3899213-\$ or US-4490613-\$ or US-7198755-\$ or US-7416701-\$ or US-4897551-\$ or US-6464392-\$ or US-4247770-\$ or US-7009550-\$ or US-3666945-\$).did. or (US-3721312-\$ or US-3501639-\$ or US-3546456-\$).did. or (JP-04069546-\$ or JP-05256782-\$).did.	US-PGPUB; USPAT; USOOR; JPO	OR	ON	2010/09/17 16:30
S47	1	S46 and (led (light near2 emit\$4 near2 diode)) and spectral near2 analysis	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 16:30
S48	2	S46 and spectral near2 analysis	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 16:31
S49	127	fluor\$7 and ((body near2 water) sea lake ocean river puddle pond) and (optic\$2 lens) and ((light near3 diode) LED (light near2 emit\$4)) and (modulat\$3 vary\$3) near3 (frequenc\$3 amplitude\$1) and (spectral near2 analysis)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 16:32
S50	4	S46 and (led (light near2 emit\$4 near2 diode))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 16:39

S58	3	"4496839".pn.	US-PGPUB; USPAT; USOCR; FPFS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 18:12
S59	2	"5947051".pn.	US-PGPUB; USPAT; USOCR; FPFS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 18:52
S60	2	"6121053".pn.	US-PGPUB; USPAT; USOCR; FPFS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 18:59

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S51	0	((fluor\$7 spect\$2) with (measur\$5 detect\$3 sens\$3 calculat\$3 comput\$3) same ((body near2 water) water sea lake ocean river stream puddle pond) and (optic\$2 lens) same (diverg\$3 converg\$3) and ((light near3 diode) LED (light near2 emit\$4) and (modulat\$3 vary\$3) near3 (frequenc\$3 amplitude\$1)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/17 12:51

S52	0	((fluor\$7 spectr\$2) with (measur\$5 detect \$3 sens\$3 calculat\$3 comput\$3) same ((body near2 water) water sea lake ocean river stream puddle pond) and (optic\$2 lens) same (diverg\$3 converg\$3) and (modulat\$3 vary\$3) near3 (frequenc\$3 amplitude\$1)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/17 12:51
S53	35	((fluor\$7 spectr\$2) with (measur\$5 detect \$3 sens\$3 calculat\$3 comput\$3) and ((body near2 water) water sea lake ocean river stream puddle pond) and (optic\$2 lens) same (diverg\$3 converg\$3) and (modulat\$3 vary\$3) near3 (frequenc\$3 amplitude\$1)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/17 12:51
S54	35	((fluor\$7 spectr\$2) with (measur\$5 detect \$3 sens\$3 calculat\$3 comput\$3) and ((body near2 water) water sea lake ocean river stream puddle pond) and (optic\$2 lens) same (diverg\$3 converg\$3) and ((light near3 diode) LED (light near2 emit\$4)) and (modulat\$3 vary\$3) near3 (frequenc\$3 amplitude\$1)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/17 12:52
S55	40	((fluor\$7 spectr\$2) with (measur\$5 detect \$3 sens\$3 calculat\$3 comput\$3) and ((body near2 water) water sea lake ocean river stream puddle pond) and (optic\$2 lens) same (diverg\$3 converg\$3) and ((light near3 diode) LED (light near2 emit\$4))).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/17 12:53
S56	38	((fluor\$7 spectr\$2) and ((body near2 water) water sea lake ocean river stream puddle pond) and (optic\$2 lens) same (diverg\$3 converg\$3) and (modulat\$3 vary \$3) near3 (frequenc\$3 amplitude\$1)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/17 13:02

S57	144	((fluor\$7 spect\$2) and ((body near2 water) water sea lake ocean river stream puddle pond) and (optic\$2 lens) and (modulat\$3 vary\$3) near3 (frequenc\$3 amplitude\$1)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/17 15:24
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